

Cab Relay Card (CRC) parts list

Qty.	Symbol	Description
6	J1-J6	Jumpers, make from no. 20 (to carry track current) uninsulated bus wire (Belden no. 8020 or equivalent)
7*	R1-R7	510Ω ½ W resistors [green-brown-brown]
3	R8-R10	2.2KΩ resistors [red-red-red]
7*	D1-D7	1A, 100V 1N4002 diodes (Jameco 76961)
1	S1	16-pin DIP socket (Jameco 112221)
1	S2	15-pin Waldom side entry connector, make from one 12-pin (Mouser 538-09-52-3121) and one 3-pin (Mouser 538-09-52-3031)
7*	RY1-RY7	SPDT relay, 12Vdc coil with 10A contact rated currents (Digi-Key 255-1104)
1	C1	.1μF, 50V monolithic capacitor (Jameco 332671)
1	C2	2.2μF, 35V tantalum capacitor (Jameco 33734)
7*	L1-L7	Red diffused T1¾ size LED (Jameco 333972)
1	U1	7445 BCD-to-decimal decoder/driver (Jameco 50403)

Author's recommendations for suppliers given in parentheses above with part numbers where applicable. Equivalent parts may be substituted. Resistors are ¼W, 5 percent unless otherwise specified and color codes are given in brackets.

*Vary quantity required equal to the number of desired cabs up to maximum of 7